

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

CHUSKA ENERGY COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 2118, FARMINGTON, NEW MEXICO 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1910' FSL & 515' FEL

At proposed prod. zone

SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN TO OFFICE*

NOV 04 1985

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

DIVISION OF OIL
GAS & MINING

16. NO. OF ACRES IN LEASE

5420

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5600'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4700' GR

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

ROTARY

22. APPROX. DATE WORK WILL START*

November 30, 1985

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	54.50	80	
12 1/4	8 5/8	24.0	1600	See Attached
7 7/8	5 1/2	15.50	5600	

SEE ATTACHED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE 11/14/85
BY John R. Bue
WELL SPACING: 6-3(9)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

JOHN ALEXANDER

TITLE Vice-President

DATE 10/30/85

(This space for Federal or State office use)

PERMIT NO.

43-037-31221

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

COMPANY CHUSKA ENERGY COMPANY

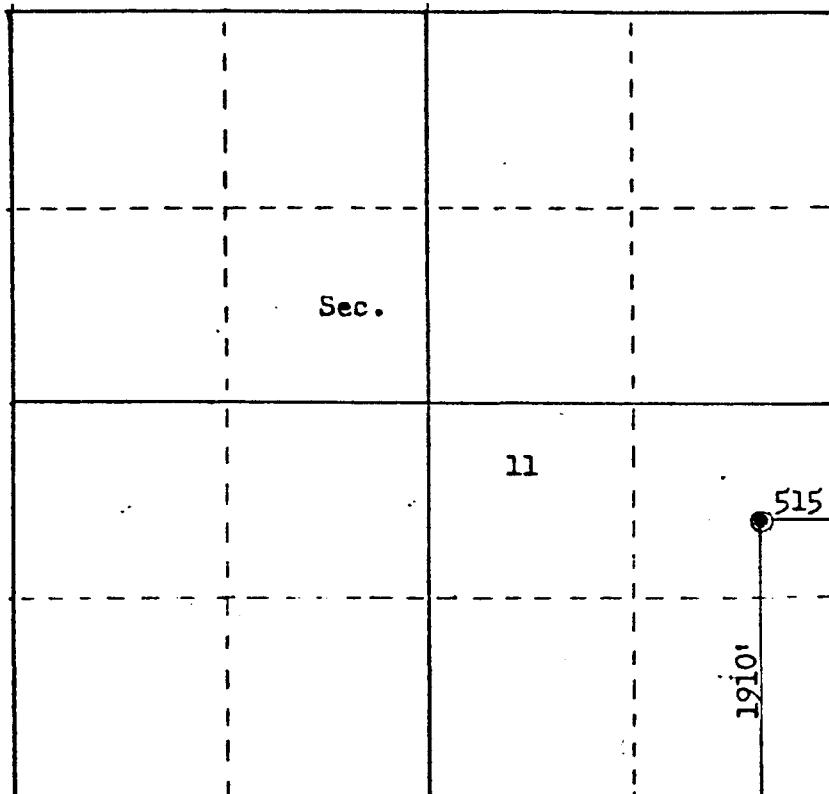
LEASE NAVAJO TRIBAL WELL NO. 43-11

SEC. 11, T. 42S, R. 24E

San Juan County, Utah

LOCATION 1910' E SL 515' E L

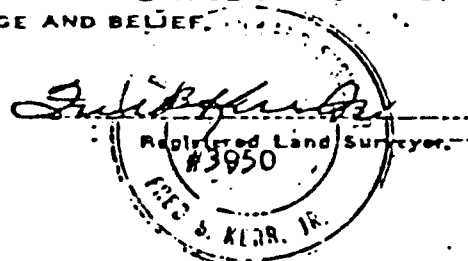
ELEVATION 4700 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-
VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



SURVEYED November 2, 1983

FARMINGTON, N. M.

FORMATION INFORMATION AND
DRILLING PRACTICES

CHUSKA ENERGY COMPANY
Navajo Tribal No. 43-11
1910' FSL & 515' FEL
Section 11, T42S, R24E
San Juan County, Utah

1. Surface Formation: Bluff Sandstone

2. Estimated Formation Tops:

Chinle	1175'
DeChelly	2385'
Organ Rock	2631'
Hermosa	4325'
Upper Ismay	5183'
Lower Ismay	5306'
Desert Creek	5362'
T.D.	5600'

3. Estimated Depth of Anticipated Oil, Gas, Water or Minerals:

Oil	5362'
-----	-------

4. Proposed Casing Program:

0-80'	13 3/8", 54.5 lb./ft., ST & C J-55 new casing; cement with 120 cubic feet Class "B" + 2% CaCl ₂ + 1/4 lb. celophane flakes per sack.
0-1600'	8 5/8", 24 lb./ft., ST & C K-55 new casing; cement with 800 cubic feet 65-35 poz mix + 2% CaCl ₂ . Cement will be brought to surface.
0-5600' T.D.	5 1/2", 15.5 lb./ft., ST & C K-55 new casing; cement with 450 cubic feet 50-50 poz mix + 2% CaCl ₂ + 10% salt + 0.8% fluid loss additive. Cement top at 4000'. Second stage tool at 3000'. Cement with 775 cu. ft. Class "B" with 4% gel. Cement top at surface.

5. Pressure Control Equipment - Blow Out Preventor:

The attached schematic shows the type of blowout preventor to be used while drilling. The unit will be tested to 800 psi prior to drilling from under surface pipe.

6. Drilling Fluids:

DEPTH	TYPE	VIS.	WEIGHT	FLUID USAGE
0-1600'	Gel-lime	35-45	9.0	Not controlled
1600-4000'	Gel-chem	35-45	9.5	15cc
4000-5600'	Low solids	45-50	10.0	9cc

7. Auxiliary Equipment:

- Bit float
- Stabbing valve to be used in drill pipe when kelly is not connected.

8. Logging - Coring - Testing Program:

Logging - Open Hole: IES, CNL, FDC
Mud: 4000' to T.D.

Testing: Possible in Lower Ismay and Desert Creek

Coring: None planned

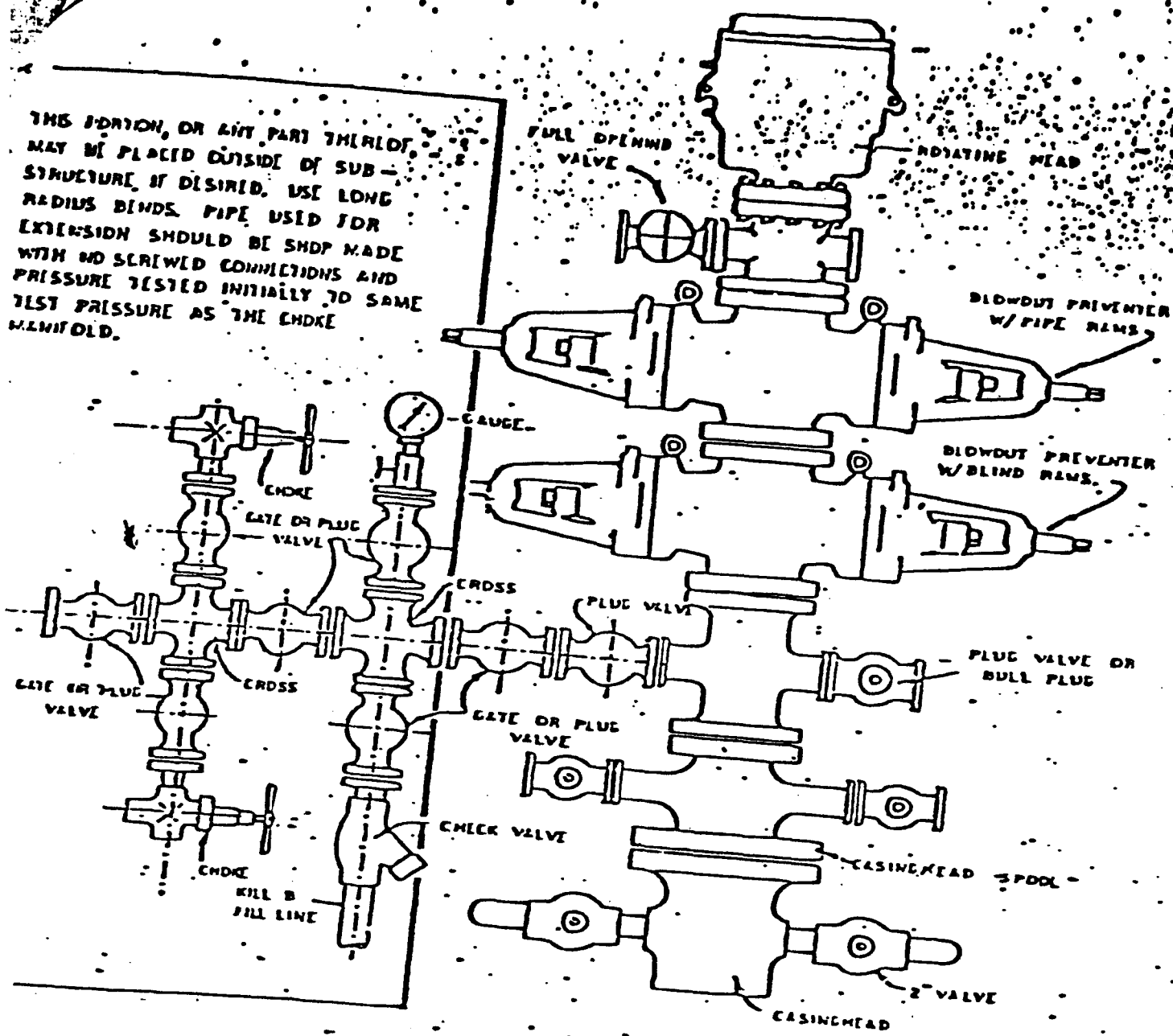
9. Abnormal Temperatures, Pressures or Potential Hazards:

None expected.

10. Starting Date:

Anticipated starting date is November 30, 1985. Approximately 5 days will be required to build roads and location. Drilling will take about 15 days. Completion should be accomplished in 6 days.

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE, IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SWEIRED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHDKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

SURFACE USE PLAN

CHUSKA ENERGY COMPANY
Navajo Tribal No. 43-11
1910' FSL & 515' FEL
Section 11, T42S, R24E
San Juan County, Utah

1. Existing Roads (shown in green):

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join a secondary road leading to an existing county dirt road. The county and secondary road will bear normal drilling traffic and not have to be upgraded.

2. Planned Access Road (shown in red):

The new access road will run South from the existing secondary road approximately 4000 feet to the well site. Maximum grade will be 10%. Water bars will be used to prevent erosion.

3. Location of Existing Wells:

All existing oil, gas, water, drilling and disposal wells are shown on the attached topographic map.

4. Location of Tank Batteries, Prod. Facilities & Prod. Gathering & Service Lines:

All production facilities are to be contained within the proposed location site. The operation has no other facilities in the area.

5. Location and Type of Water Supply:

Water will be trucked from the San Juan River, 10 miles North of the location.

6. Source of Construction Materials:

Any gravel or other construction material that can be obtained from the excess accumulated from building the location will be purchased from the Navajo Tribe.

7. Methods of Handling Waste Disposal:

All trash will be carried to a land fill or burned. All non burnable materials (drilling fluids, cuttings, chemicals) will be stored in the reserve pit and then buried when they have dried. Any oil produced while drilling will be trucked from the location prior to leaving pit to dry out. Pits will be completely fenced during drying time, then backfilled with dirt prior to preparing the location for production or abandonment.

8. A portable chemical toilet will be supplied for human waste.

9. Ancillary Facilities:

No ancillary facilities are planned.

10. Well Site Layout:

The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.

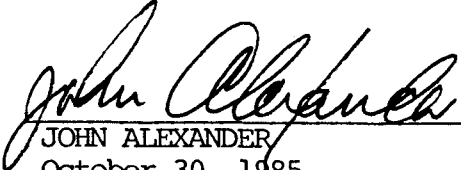
11. Plans for Restoration of Surface:

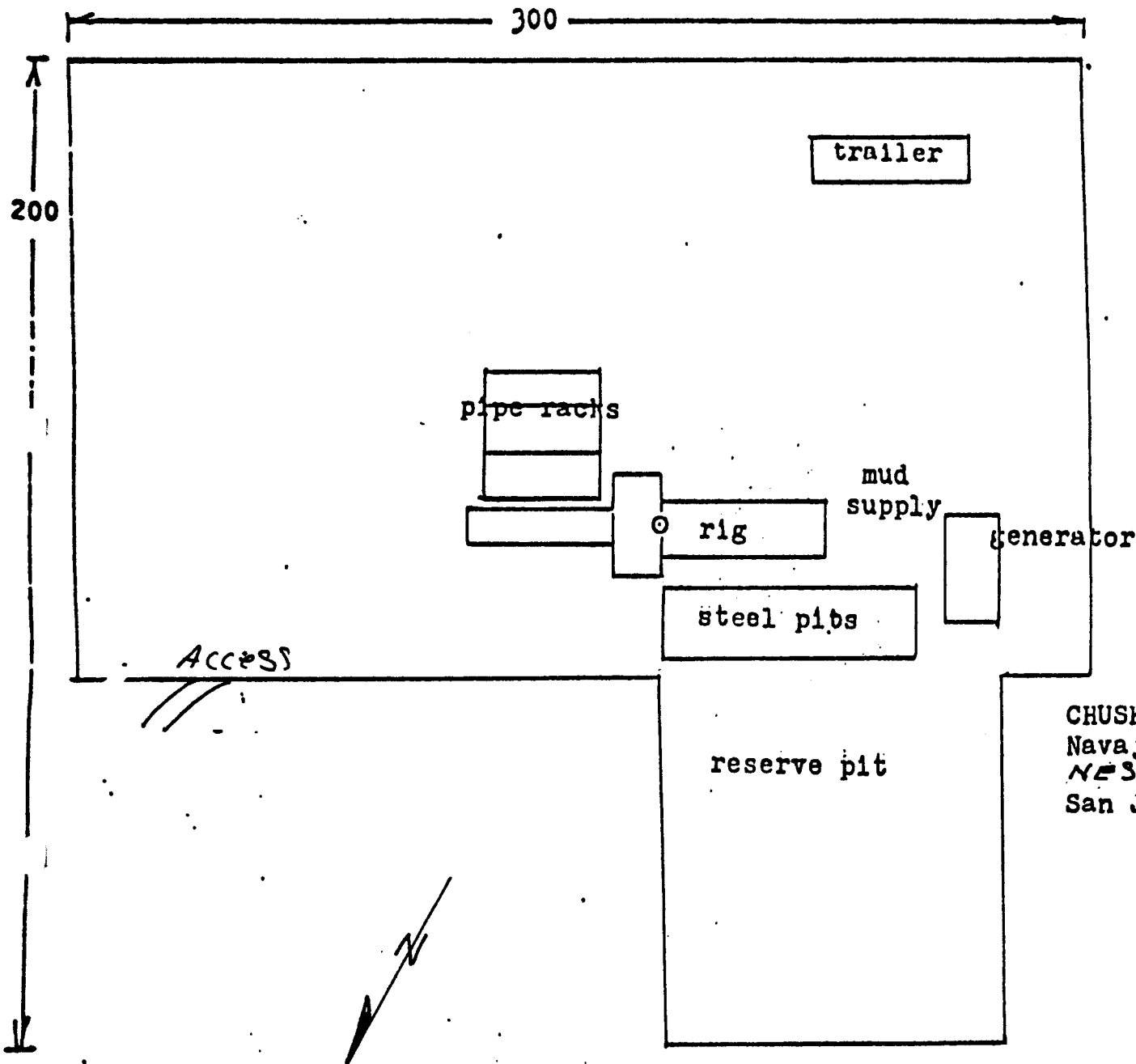
Restoration of the well site and access road will begin within 90 days of well completion, weather permitting, and if required by private land owner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseeded when germination of seeds can take place. In either case, cleanup of the site will include burning of any safely burnable material, filling of all pits, carrying away of all non burnable material and any chemicals that cannot be safely buried, and the hauling off of any oil that may have accumulated on the pits while drilling. A burn permit will be acquired if necessary.

12. This location is approximately 10 miles South of the San Juan River and adjacent to Lone Mountain Creek. It is located on flat ground and covered with native weeds and grasses. No artifacts were found on the site. There are no residences in the area.

13. John Alexander
CHUSKA ENERGY COMPANY
P. O. Box 2118
Farmington, New Mexico 87499
(505) 326-5525

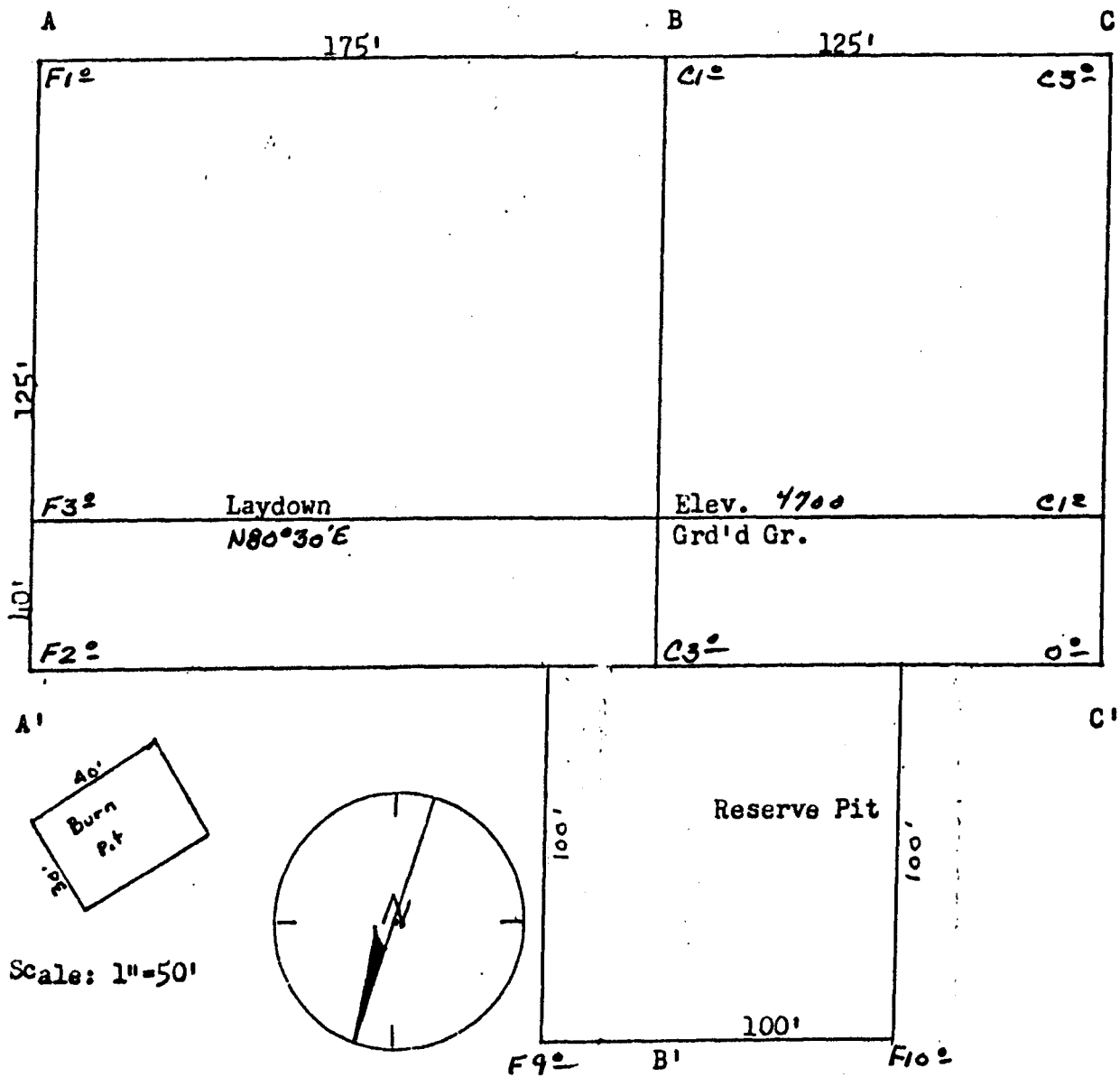
14. I hereby certify that I, or persons under by direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chuska Energy Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


JOHN ALEXANDER
October 30, 1985

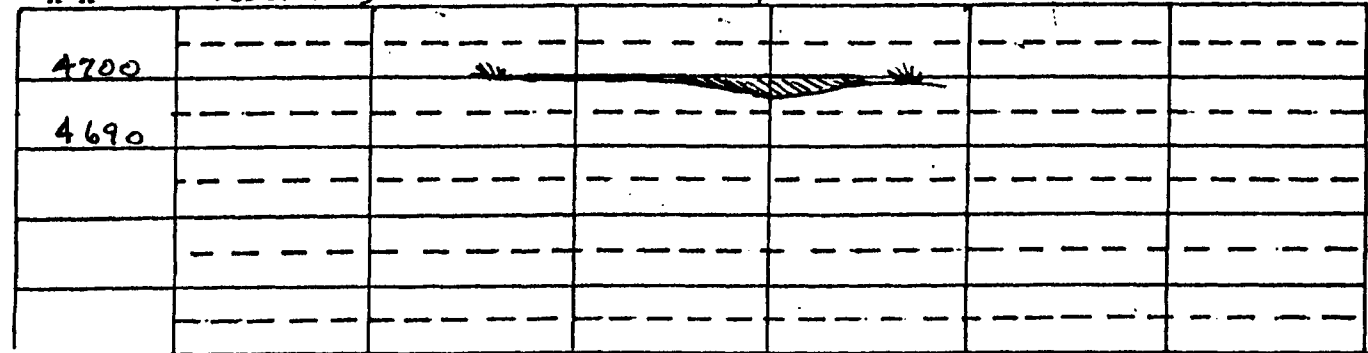


CHUSKA ENERGY CO.
Navajo Tribal No. 43-11
NE 3E 11-42S-24E
San Juan, Utah

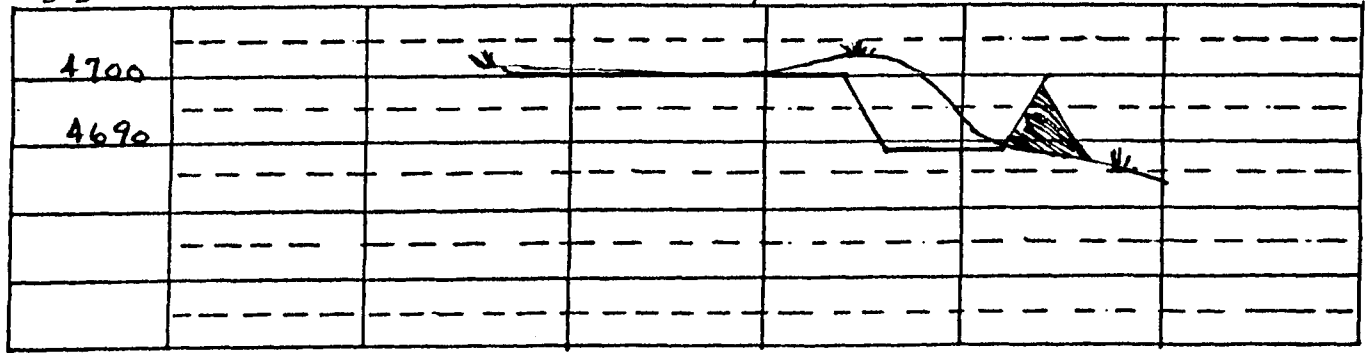
USKA ENERGY COMPANY #43-11 NAVAJO TRIBAL
 10' FSL 515' FEL Sec. 11-T42S-R2
 SAN JUAN COUNTY, UTAH



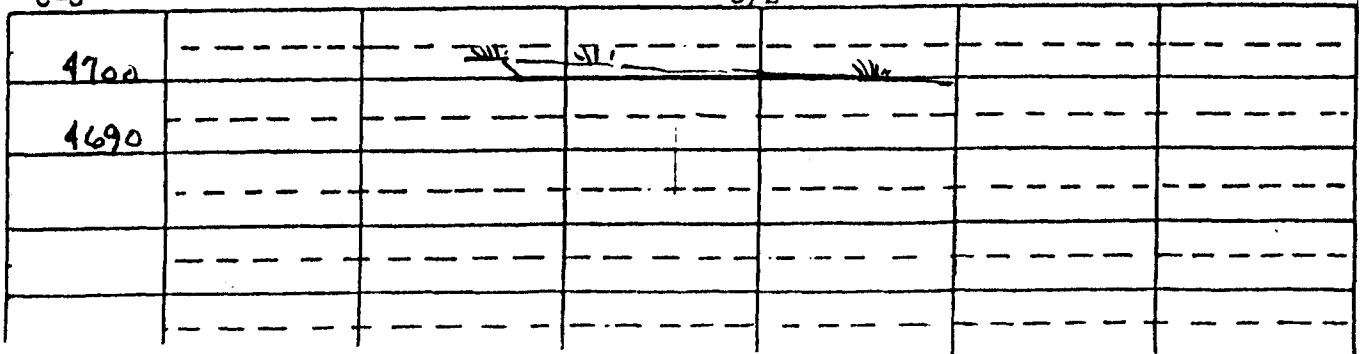
A-A' Vert: 1"=30' Horiz: 1"=100' C/L



B-B' C/L

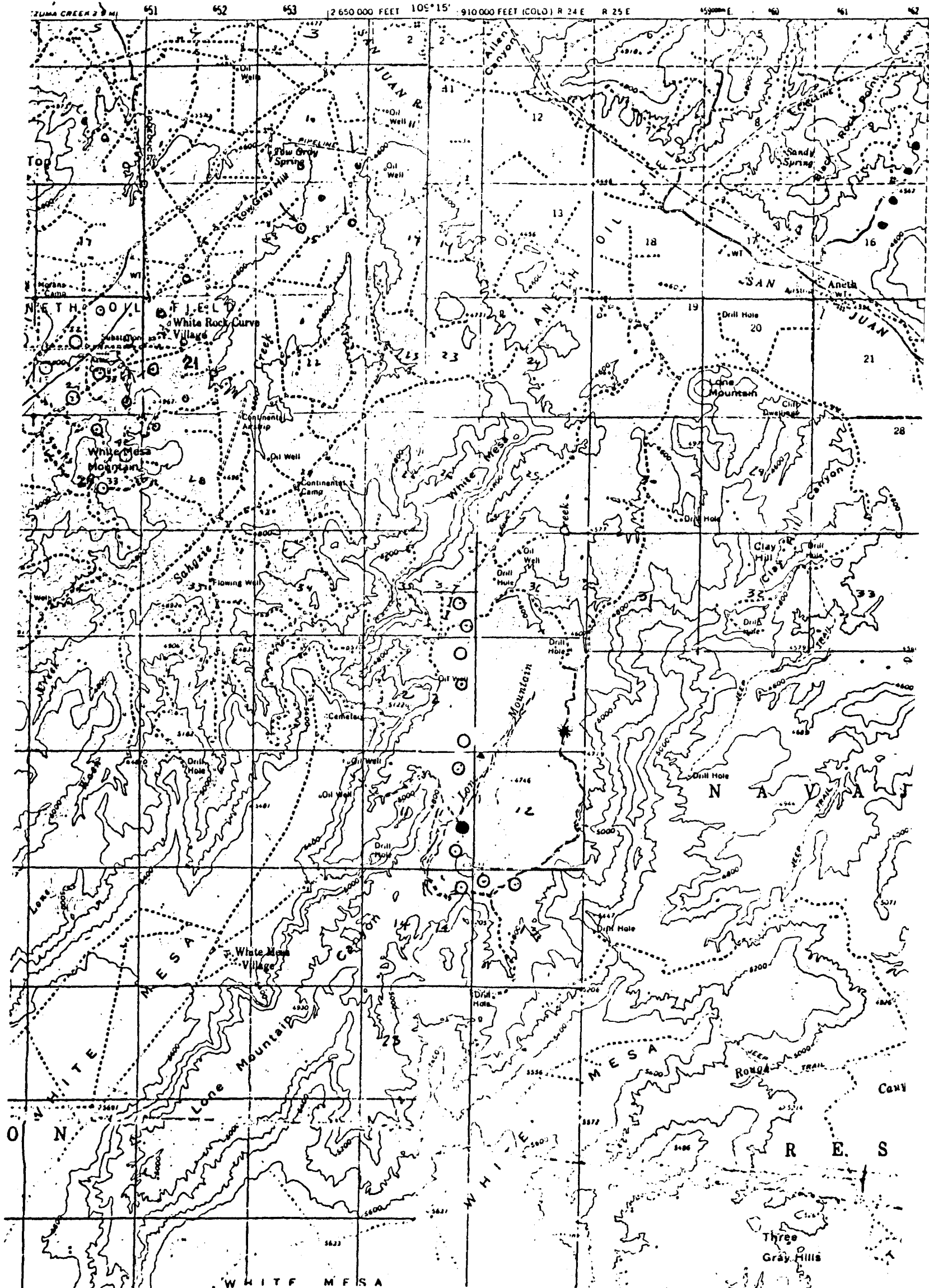


C-C' C/L



WHITE MESA VILLAGE QUADRANGLE
UTAH
15 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Vicinity Map for
CHUSKA ENERGY COMPANY 43-11 NAVAJO
1910' FSL 515' FEL Sec. 11-T42S-R24E
SAN JUAN COUNTY, UTAH

OPERATOR Chuska Energy Co. DATE 11-5-85
WELL NAME Navajo Tribal 43-11
SEC NE SE 11 T 42 S R 24 E COUNTY San Juan

43-037-31221
API NUMBER

Indian
TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other wells within 1000'

Need water permit

APPROVAL LETTER:

SPACING:



A-3

UNIT



C-3-a

CAUSE NO. & DATE



C-3-b



C-3-c

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 14, 1985

Chuska Energy Company
P. O. Box 2118
Farmington, New Mexico 87499

Gentlemen:

Re: Well No. Navajo Tribal 43-11 - NE SE Sec. 11, T. 42S, R. 24E
1910' FSL, 515' FEL - San Juan County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

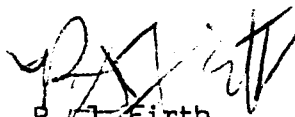
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Chuska Energy Company
Well No. Navajo Tribal 43-11
November 14, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31221.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
Bureau of Indian Affairs

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-037-31221

NAME OF COMPANY: CHUSKA ENERGY COMPANY

WELL NAME: NAVAJO TRIBAL 43-11

SECTION NE SE 11 TOWNSHIP 42S RANGE 24E COUNTY San Juan

DRILLING CONTRACTOR Aztec Well Service

RIG # 301

SPUDDED: DATE 12-24-85

TIME 5:30 AM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY John Alexander

TELEPHONE # 505-326-5525

DATE 12-26-85 SIGNED J Thompson

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NOG 8308-1033	
2. NAME OF OPERATOR Chuska Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 2118, Farmington, New Mexico 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1910' FSL & 515' FEL		8. FARM OR LEASE NAME Navajo Tribal	
14. PERMIT NO.		9. WELL NO. 43-11	
15. ELEVATIONS (Show whether DF, ST, OR, etc.) 4700' GR		10. FIELD AND POOL, OR WILDCAT Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 11 - 42S - 24E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANE ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spud 17 1/2" hole @ 0530 hrs. 12/24/85 with Aztec Well Service Rig #301. Drilled to 70'. Ran 13 3/8" 54.50 lb./ft. casing to 70'. Cemented with 148 cu. ft. Class "B" with 3% CaCl₂ and 1/4 lb. D-29/Sk. Cement circulated to surface. Job Complete 12/24/85.

RECEIVED

JAN 03 1986

DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED John Alexander

TITLE Vice-President

DATE 12/30/85

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO TRIBAL

9. WELL NO.

43-11

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

11 - 42S - 24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chuska Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 2118, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1910' FSL & 515' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4700' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled to 5510'. Ran open hole logs. Plan to plug well with Class "B" cement as follows:

5111'-5211'	35 cu. ft.
4240'-4340'	35 cu. ft.
2350'-2450'	35 cu. ft.
1257'-1357'	33 cu. ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

John Alexander
John Alexander

TITLE Vice-President

DATE 1/13/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE: 1-22-86

EXPRESS MAIL ROUTING S

PAM
TAMI
VICKY
CLAUDIA
STEPHANE
CHARLES
RULA
MARY ALICE
CONNIE
MILLIE

1-23 8:00
1-03 8:00
1-23 10:30
1-23 10:58
1-23 12:41
CA 1-23 12:55
XCN 2:00 1-23
MAY 1-23 2:49
CO 1-23 250
WIS 1-24 11:30

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8308 - 1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO TRIBAL

9. WELL NO.

43-11

10. FIELD AND POOL, OR WILDCAT

ANETH Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

11 - 42S - 24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Chuska Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 2118, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1910' FSL & 515' FEL

At top prod. interval reported below

At total depth SAME

SAME

14. PERMIT NO.

DATE ISSUED

43-037-31221 11-14-85

15. DATE SPUDDED

12/24/85

16. DATE T.D. REACHED

1/07/86

17. DATE COMPL. (Ready to prod.)

P & A 1-9-86

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4712' KB

19. ELEV. CASINGHEAD

4701'

20. TOTAL DEPTH, MD & TVD

5510'

21. PLUG BACK T.D., MD & TVD

N/A

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-5510

CABLE TOOLS

0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

P & A

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL CNL CDC Dipmeter Spectralog

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	70'	17 1/2	148 cu. ft. "B", 3% CaCl ₂ Cement to surface.	None
8 5/8	24.0	1307'	12 1/4	See Attached	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					N/A		

31. PERFORATION RECORD (Interval, size and number)

N/A

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	P & A 1-09-86	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Cement Data

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

John Alexander

TITLE

Vice-President

DATE

1/13/86

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME
				MEAS. DEPTH
				TRUE VERT. DEPTH
				2400'
				2638'
				4290'
				5161'
				5284'
				5328'
				5354'

Chuska Energy Co.
Navajo Tribal 43-11
NE/SE 11 - T.42S - R.24E
San Juan County, Utah

Attachment to Form 3160-4

CEMENTING RECORD

13 3/8"	at	70'	148 cu. ft. Class "B", 3% CaCl ₂ . Cement to Surface.
8 5/8"	at	1307'	592 cu. ft. 65/35 poz mix, 6% gel, followed by 236 cu. ft. Class "B", 2% CaCl ₂ , 1/4 lb. D-29/Sk. Cement did not circulate to surface. Pumped 6 cu. ft. Class "B" down 13 3/8" - 8 5/8" annulus.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8308-1033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO TRIBAL

9. WELL NO.

43-11

10. FIELD AND POOL, OR WILDCAT

Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

11 - 42S - 24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Chuska Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 2118, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1910' FSL & 515' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4700' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

WATER SHUT-OFF

☐
☐
☐
☐

FRACTURE TREATMENT

REPAIRING WELL

☐
☐
☒
☐

SHOOTING OR ACIDIZING

ALTERING CASING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent
to this work.)*

Drilled to 5510' on 1-07-86. Ran DIL, CNL-FDC and Dipmeter open hole logs.
Plugged well with Class "B" cement at the following depths:

5094'-5194'	34 cu. ft.
4224'-4324'	35 cu. ft.
2358'-2458'	50 cu. ft.
1270'-1370'	33 cu. ft.
0'-50'	19 cu. ft.

Mud weighing 11.0 lb./gal. was spotted between plugs. Installed dry hole marker.
Job complete 1-09-86.

18. I hereby certify that the foregoing is true and correct

SIGNED

John Alexander
John Alexander

TITLE

Vice-President

DATE

1/13/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

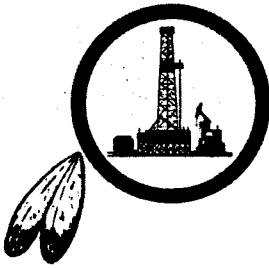
ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE: 1-22-86

BY:

John R. Davis
John R. Davis



CHUSKA ENERGY COMPANY

P.O. BOX 2118 • FARMINGTON, N.M. 87499 • PHONE: (505) 326-5525

February 4, 1986

RECEIVED
FEB 10 1986

Utah Oil & Gas Division
4241 State Office Building
Salt Lake City, Utah 84111

DIVISION OF
OIL, GAS & MINING

Attention: Mr. Norman Stout

Dear Mr. Stout:

Chuska recently sent open hole logs to your office on the Navajo Tribal "A" 22-11 located in the SE/4 NW/4 of Section 11, T42S, R24E, and the Navajo Tribal Well #43-11 located in the NE/4 SE/4 of Section 11, T42S, R24E, San Juan County, Utah. Please maintain the two wells on a confidential status for Chuska for a period of time allowed for holding the logs.

Thank you very much for your cooperation.

Sincerely,

CHUSKA ENERGY CO.

Henry W. Haven, Jr.,
Geologist

HWH/bc

cc: George T. Bass

*2-13-86
Logs have been
filmed. Spoke to
Henry about them.
He does adm + letter
requesting confidential
status should
have been sent
earlier.*

*43-11
42-037-31221*

31220

*Log not put on
confidential status*